

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

SQL> SELECT Empno, Ename, Job, HireDate
2 FROM Emp;

EMPNO	ENAME	JOB	HIREDATE
7839	KING	PRESIDENT	17-NOV-81
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81
7654	MARTIN	SALESMAN	28-SEP-81
7499	ALLEN	SALESMAN	20-FEB-81
7844	TURNER	SALESMAN	08-SEP-81
7900	JAMES	CLERK	03-DEC-81
7521	WARD	SALESMAN	22-FEB-81
7902	FORD	ANALYST	03-DEC-81
7369	SMITH	CLERK	17-DEC-80
7788	SCOTT	ANALYST	09-DEC-82
7876	ADAMS	CLERK	12-JAN-83
7934	MILLER	CLERK	23-JAN-82

14 rows selected.

SQL> SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3 WHERE Ename LIKE 'S%';

EMPNO	ENAME	JOB	HIREDATE
7369	SMITH	CLERK	17-DEC-80
7788	SCOTT	ANALYST	09-DEC-82

SQL> ED
Wrote file afiedt.buf

1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename LIKE 'S%T'
SQL> /

EMPNO	ENAME	JOB	HIREDATE
7788	SCOTT	ANALYST	09-DEC-82

SQL> ED
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```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename LIKE '____'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7839	KING	PRESIDENT	17-NOV-81
7521	WARD	SALESMAN	22-FEB-81
7902	FORD	ANALYST	03-DEC-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename LIKE '____D'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7521	WARD	SALESMAN	22-FEB-81
7902	FORD	ANALYST	03-DEC-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename LIKE '%T'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7788	SCOTT	ANALYST	09-DEC-82

```
SQL> cl scr
```

```
SQL> ED
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```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename LIKE '%A%'
SQL> /
```

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```
-----
EMPNO ENAME      JOB      HIREDATE
-----
7698 BLAKE       MANAGER  01-MAY-81
7782 CLARK       MANAGER  09-JUN-81
7654 MARTIN      SALESMAN 28-SEP-81
7499 ALLEN       SALESMAN 20-FEB-81
7900 JAMES       CLERK    03-DEC-81
7521 WARD        SALESMAN 22-FEB-81
7876 ADAMS       CLERK    12-JAN-83
-----
```

7 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE Ename LIKE 'A%A%'
SQL> /
```

```
-----
EMPNO ENAME      JOB      HIREDATE
-----
7876 ADAMS       CLERK    12-JAN-83
-----
```

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE Job LIKE 'MAN%'
SQL> /
```

```
-----
EMPNO ENAME      JOB      HIREDATE
-----
7698 BLAKE       MANAGER  01-MAY-81
7782 CLARK       MANAGER  09-JUN-81
7566 JONES       MANAGER  02-APR-81
-----
```

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE Job LIKE '%MAN'
SQL> /
```

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EMPNO	ENAME	JOB	HIREDATE
7654	MARTIN	SALESMAN	28-SEP-81
7499	ALLEN	SALESMAN	20-FEB-81
7844	TURNER	SALESMAN	08-SEP-81
7521	WARD	SALESMAN	22-FEB-81

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Job LIKE '%MAN%'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81
7654	MARTIN	SALESMAN	28-SEP-81
7499	ALLEN	SALESMAN	20-FEB-81
7844	TURNER	SALESMAN	08-SEP-81
7521	WARD	SALESMAN	22-FEB-81

7 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Job LIKE '%ANA%'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81
7902	FORD	ANALYST	03-DEC-81
7788	SCOTT	ANALYST	09-DEC-82

SQL> ED

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```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename LIKE '_A%'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7654	MARTIN	SALESMAN	28-SEP-81
7900	JAMES	CLERK	03-DEC-81
7521	WARD	SALESMAN	22-FEB-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Ename NOT LIKE '_A%'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7839	KING	PRESIDENT	17-NOV-81
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81
7499	ALLEN	SALESMAN	20-FEB-81
7844	TURNER	SALESMAN	08-SEP-81
7902	FORD	ANALYST	03-DEC-81
7369	SMITH	CLERK	17-DEC-80
7788	SCOTT	ANALYST	09-DEC-82
7876	ADAMS	CLERK	12-JAN-83
7934	MILLER	CLERK	23-JAN-82

11 rows selected.

```
SQL> cl scr
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2* FROM Emp
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7839	KING	PRESIDENT	17-NOV-81

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```
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7782 CLARK      MANAGER 09-JUN-81
7566 JONES      MANAGER 02-APR-81
7654 MARTIN     SALESMAN 28-SEP-81
7499 ALLEN      SALESMAN 20-FEB-81
7844 TURNER     SALESMAN 08-SEP-81
7900 JAMES      CLERK    03-DEC-81
7521 WARD       SALESMAN 22-FEB-81
7902 FORD       ANALYST  03-DEC-81
7369 SMITH      CLERK    17-DEC-80
7788 SCOTT      ANALYST  09-DEC-82
7876 ADAMS      CLERK    12-JAN-83
7934 MILLER     CLERK    23-JAN-82
```

14 rows selected.

```
SQL> SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3 WHERE Ename = 'SM%';
```

no rows selected

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE Job = 'MANAGER'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE 'MANAGER' = Job
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81

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```
7782 CLARK      MANAGER  09-JUN-81
7566 JONES      MANAGER  02-APR-81
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE Job LIKE 'MANAGER'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE 'MANAGER' LIKE Job
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE Job LIKE 'MAN%'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81

```
SQL> ED
Wrote file afiedt.buf
```

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```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE 'MAN%' LIKE Job
SQL> /
```

no rows selected

```
SQL> cl scr
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE HireDate = '03-DEC-81'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7900	JAMES	CLERK	03-DEC-81
7902	FORD	ANALYST	03-DEC-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE HireDate = '03-DEC-1981'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7900	JAMES	CLERK	03-DEC-81
7902	FORD	ANALYST	03-DEC-81

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE HireDate LIKE '03-DEC-81'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7900	JAMES	CLERK	03-DEC-81

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7902 FORD ANALYST 03-DEC-81

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE HireDate LIKE '03-DEC-1981'
SQL> /
```

no rows selected

SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE HireDate LIKE '%-%-81'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7839	KING	PRESIDENT	17-NOV-81
7698	BLAKE	MANAGER	01-MAY-81
7782	CLARK	MANAGER	09-JUN-81
7566	JONES	MANAGER	02-APR-81
7654	MARTIN	SALESMAN	28-SEP-81
7499	ALLEN	SALESMAN	20-FEB-81
7844	TURNER	SALESMAN	08-SEP-81
7900	JAMES	CLERK	03-DEC-81
7521	WARD	SALESMAN	22-FEB-81
7902	FORD	ANALYST	03-DEC-81

10 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Empno, Ename, Job, HireDate
2 FROM Emp
3* WHERE HireDate LIKE '%-%-1981'
SQL> /
```

no rows selected

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SQL> ED

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE HireDate LIKE '%-DEC-%'
SQL> /
```

EMPNO	ENAME	JOB	HIREDATE
7900	JAMES	CLERK	03-DEC-81
7902	FORD	ANALYST	03-DEC-81
7369	SMITH	CLERK	17-DEC-80
7788	SCOTT	ANALYST	09-DEC-82

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, Job, HireDate
2  FROM Emp
3* WHERE HireDate LIKE '%-DECEMBER-%'
SQL> /
```

no rows selected

SQL> cl scr

SQL> SELECT * FROM Dept;

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> INSERT INTO Dept (Deptno, Dname, Loc)
2  VALUES (50, 'SHIPPING_BASE', 'CHENNAI');
```

1 row created.

```
SQL> INSERT INTO Dept (Deptno, Dname, Loc)
2  VALUES (60, 'CARGO%DECK', 'MUMBAI');
```

1 row created.

SQL> INSERT INTO Dept (Deptno, Dname, Loc)

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```
2 VALUES (70, 'COURIER\DESK', 'DELHI');
```

1 row created.

```
SQL> SELECT * FROM Dept;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON
50	SHIPPING_BASE	CHENNAI
60	CARGO%DECK	MUMBAI
70	COURIER\DESK	DELHI

7 rows selected.

```
SQL> SELECT Deptno, Dname, Loc
2 FROM Dept
3 WHERE Dname LIKE '%_%';
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON
50	SHIPPING_BASE	CHENNAI
60	CARGO%DECK	MUMBAI
70	COURIER\DESK	DELHI

7 rows selected.

```
SQL> ED
Wrote file afrect.buf
```

```
1 SELECT Deptno, Dname, Loc
2 FROM Dept
3* WHERE Dname LIKE '%%%'
SQL> /
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO

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```
40 OPERATIONS      BOSTON
50 SHIPPING_BASE    CHENNAI
60 CARGO%DECK       MUMBAI
70 COURIER\DESK     DELHI
```

7 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Deptno, Dname, Loc
2  FROM Dept
3* WHERE Dname LIKE '%\_%'
SQL> /
```

DEPTNO	DNAME	LOC
70	COURIER\DESK	DELHI

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Deptno, Dname, Loc
2  FROM Dept
3* WHERE Dname LIKE '%\_%' ESCAPE '\ '
SQL> /
```

DEPTNO	DNAME	LOC
50	SHIPPING_BASE	CHENNAI

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Deptno, Dname, Loc
2  FROM Dept
3* WHERE Dname LIKE '%\%' ESCAPE '\ '
SQL> /
```

DEPTNO	DNAME	LOC
60	CARGO%DECK	MUMBAI

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Deptno, Dname, Loc
```

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```
2 FROM Dept
3* WHERE Dname LIKE '%@%' ESCAPE '@'
SQL> /
```

DEPTNO	DNAME	LOC
60	CARGO%DECK	MUMBAI

```
SQL> cl scr
```

```
SQL> SELECT Ename, Deptno, Sal, Job
2 FROM Emp;
```

ENAME	DEPTNO	SAL	JOB
KING	10	5000	PRESIDENT
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER
JONES	20	2975	MANAGER
MARTIN	30	1250	SALESMAN
ALLEN	30	1600	SALESMAN
TURNER	30	1500	SALESMAN
JAMES	30	950	CLERK
WARD	30	1250	SALESMAN
FORD	20	3000	ANALYST
SMITH	20	800	CLERK
SCOTT	20	3000	ANALYST
ADAMS	20	1100	CLERK
MILLER	10	1300	CLERK

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Ename, Deptno, Sal, Job
2 FROM Emp
3* ORDER BY Sal
SQL> /
```

ENAME	DEPTNO	SAL	JOB
SMITH	20	800	CLERK
JAMES	30	950	CLERK
ADAMS	20	1100	CLERK
WARD	30	1250	SALESMAN
MARTIN	30	1250	SALESMAN

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```
.....
MILLER          10          1300 CLERK
TURNER          30          1500 SALESMAN
ALLEN           30          1600 SALESMAN
CLARK           10          2450 MANAGER
BLAKE           30          2850 MANAGER
JONES           20          2975 MANAGER
FORD            20          3000 ANALYST
SCOTT           20          3000 ANALYST
KING            10          5000 PRESIDENT
```

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
  1  SELECT Ename, Deptno, Sal, Job
  2  FROM Emp
  3* ORDER BY Deptno DESC
SQL> /
```

ENAME	DEPTNO	SAL	JOB
TURNER	30	1500	SALESMAN
WARD	30	1250	SALESMAN
JAMES	30	950	CLERK
ALLEN	30	1600	SALESMAN
MARTIN	30	1250	SALESMAN
BLAKE	30	2850	MANAGER
SCOTT	20	3000	ANALYST
SMITH	20	800	CLERK
FORD	20	3000	ANALYST
JONES	20	2975	MANAGER
ADAMS	20	1100	CLERK
MILLER	10	1300	CLERK
CLARK	10	2450	MANAGER
KING	10	5000	PRESIDENT

14 rows selected.

SQL> eED

SP2-0042: unknown command "eED" - rest of line ignored.

SQL> ED

Wrote file afiedt.buf

```
  1  SELECT Ename, Deptno, Sal, Job
  2  FROM Emp
  3* ORDER BY Deptno DESC, Sal
```

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SQL> /

ENAME	DEPTNO	SAL	JOB
JAMES	30	950	CLERK
WARD	30	1250	SALESMAN
MARTIN	30	1250	SALESMAN
TURNER	30	1500	SALESMAN
ALLEN	30	1600	SALESMAN
BLAKE	30	2850	MANAGER
SMITH	20	800	CLERK
ADAMS	20	1100	CLERK
JONES	20	2975	MANAGER
FORD	20	3000	ANALYST
SCOTT	20	3000	ANALYST
MILLER	10	1300	CLERK
CLARK	10	2450	MANAGER
KING	10	5000	PRESIDENT

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3* ORDER BY Deptno DESC, Sal, Ename
SQL> /
```

ENAME	DEPTNO	SAL	JOB
JAMES	30	950	CLERK
MARTIN	30	1250	SALESMAN
WARD	30	1250	SALESMAN
TURNER	30	1500	SALESMAN
ALLEN	30	1600	SALESMAN
BLAKE	30	2850	MANAGER
SMITH	20	800	CLERK
ADAMS	20	1100	CLERK
JONES	20	2975	MANAGER
FORD	20	3000	ANALYST
SCOTT	20	3000	ANALYST
MILLER	10	1300	CLERK
CLARK	10	2450	MANAGER
KING	10	5000	PRESIDENT

14 rows selected.

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SQL> cl scr

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Sal, Comm, HireDate, Job
2  FROM Emp
3* ORDER BY Deptno
SQL> /
```

ENAME	SAL	COMM	HIREDATE	JOB
KING	5000		17-NOV-81	PRESIDENT
CLARK	2450		09-JUN-81	MANAGER
MILLER	1300		23-JAN-82	CLERK
ADAMS	1100		12-JAN-83	CLERK
SCOTT	3000		09-DEC-82	ANALYST
SMITH	800		17-DEC-80	CLERK
FORD	3000		03-DEC-81	ANALYST
JONES	2975		02-APR-81	MANAGER
WARD	1250	500	22-FEB-81	SALESMAN
JAMES	950		03-DEC-81	CLERK
ALLEN	1600	300	20-FEB-81	SALESMAN
MARTIN	1250	1400	28-SEP-81	SALESMAN
BLAKE	2850		01-MAY-81	MANAGER
TURNER	1500	0	08-SEP-81	SALESMAN

14 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Sal, Comm, Sal + NVL(Comm, 0) TotSal
2  FROM Emp
3* ORDER BY Sal + NVL(Comm, 0)
SQL> /
```

ENAME	SAL	COMM	TOTSAL
SMITH	800		800
JAMES	950		950
ADAMS	1100		1100
MILLER	1300		1300
TURNER	1500	0	1500
WARD	1250	500	1750
ALLEN	1600	300	1900

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```
.....
CLARK          2450          2450
MARTIN         1250          1400          2650
BLAKE          2850          2850
JONES          2975          2975
SCOTT          3000          3000
FORD           3000          3000
KING           5000          5000
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Ename, Sal, Comm, Sal + NVL(Comm, 0) TotSal
2  FROM Emp
3* ORDER BY TotSal
SQL> /
```

ENAME	SAL	COMM	TOTSAL
SMITH	800		800
JAMES	950		950
ADAMS	1100		1100
MILLER	1300		1300
TURNER	1500	0	1500
WARD	1250	500	1750
ALLEN	1600	300	1900
CLARK	2450		2450
MARTIN	1250	1400	2650
BLAKE	2850		2850
JONES	2975		2975
SCOTT	3000		3000
FORD	3000		3000
KING	5000		5000

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Ename, Sal, Comm, Sal + NVL(Comm, 0) TotSal
2  FROM Emp
3* ORDER BY 4 DESC, 1
SQL> /
```

ENAME	SAL	COMM	TOTSAL
-------	-----	------	--------

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```
.....
KING          5000          5000
FORD          3000          3000
SCOTT         3000          3000
JONES         2975          2975
BLAKE         2850          2850
MARTIN        1250          2650
              1400
CLARK         2450          2450
ALLEN         1600          1900
              300
WARD          1250          1750
              500
TURNER        1500          1500
              0
MILLER        1300          1300
ADAMS         1100          1100
JAMES         950           950
SMITH         800           800
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT Ename, Sal, Comm, Sal + NVL(Comm, 0) TotSal
  2  FROM Emp
  3* ORDER BY 5, 4
SQL> /
ORDER BY 5, 4
      *
```

ERROR at line 3:
ORA-01785: ORDER BY item must be the number of a SELECT-list expression

```
SQL> cl scr
```

```
SQL> SELECT
  2  'ORACLE' Oracle,
  3  LOWER('ORACLE') Lower
  4  FROM DUAL;
```

```
ORACLE LOWER
-----
ORACLE oracle
```

```
SQL> SELECT Ename, LOWER(Ename) LName, Job, LOWER(Job) LJob
  2  FROM Emp;
```

```
ENAME      LNAME      JOB      LJOB
-----
KING       king       PRESIDENT president
```

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BLAKE	blake	MANAGER	manager
CLARK	clark	MANAGER	manager
JONES	jones	MANAGER	manager
MARTIN	martin	SALESMAN	salesman
ALLEN	allen	SALESMAN	salesman
TURNER	turner	SALESMAN	salesman
JAMES	james	CLERK	clerk
WARD	ward	SALESMAN	salesman
FORD	ford	ANALYST	analyst
SMITH	smith	CLERK	clerk
SCOTT	scott	ANALYST	analyst
ADAMS	adams	CLERK	clerk
MILLER	milller	CLERK	clerk

14 rows selected.

SQL> cl scr

```
SQL> SELECT
  2  Ename||' is Designated As '||LOWER(Job) Employee
  3  FROM Emp;
```

EMPLOYEE

KING is Designated As president
BLAKE is Designated As manager
CLARK is Designated As manager
JONES is Designated As manager
MARTIN is Designated As salesman
ALLEN is Designated As salesman
TURNER is Designated As salesman
JAMES is Designated As clerk
WARD is Designated As salesman
FORD is Designated As analyst
SMITH is Designated As clerk
SCOTT is Designated As analyst
ADAMS is Designated As clerk
MILLER is Designated As clerk

14 rows selected.

SQL> cl scr

```
SQL> SELECT Ename, Deptno, Sal, Job
  2  FROM Emp
  3  WHERE Job = 'manager';
```

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no rows selected

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3* WHERE LOWER(Job) = 'manager'
SQL> /
```

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER
JONES	20	2975	MANAGER

SQL> cl scr

```
SQL> SELECT
2  'oracle' oracle,
3  UPPER('oracle') Upper
4  FROM DUAL;
```

```
ORACLE UPPER
-----
oracle ORACLE
```

```
SQL> SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3  WHERE Job = 'manager';
```

no rows selected

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Deptno, Sal, Job
2  FROM Emp
3* WHERE Job = UPPER('manager')
SQL> /
```

ENAME	DEPTNO	SAL	JOB
BLAKE	30	2850	MANAGER
CLARK	10	2450	MANAGER
JONES	20	2975	MANAGER

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SQL> cl scr

```
SQL> SELECT
  2  'oracle corporation' Oracle,
  3  INITCAP('oracle corporation') InitCap
  4  FROM DUAL;
```

ORACLE	INITCAP
oracle corporation	Oracle Corporation

SQL> cl scr

```
SQL> SELECT
  2  'sample data for demonstration of initcap function' Sampledata,
  3  INITCAP('sample data for demonstration of initcap function') InitCap
  4  FROM DUAL;
```

SAMPLEDATA	INITCAP
sample data for demonstration of initcap function	Sample Data For Demonstration Of Initcap Function

SQL> ED
Wrote file afiedt.buf

```
  1  SELECT
  2  'sample datafor#demonstration3of@initcap.function' Sampledata,
  3  INITCAP('sample datafor#demonstration3of@initcap.function') InitCap
  4* FROM DUAL
```

SQL> /

SAMPLEDATA	INITCAP
sample datafor#demonstration3of@initcap.function	Sample Datafor#Demonstration3of@Initcap.Function

SQL> cl scr

```
SQL> SELECT
  2  INITCAP(Ename)||'is Designated As '||LOWER(Job) Employee
  3  FROM Emp;
```

EMPLOYEE

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```
Kingis Designated As president
Blakeis Designated As manager
Clarkis Designated As manager
Jonesis Designated As manager
Martinis Designated As salesman
Allenis Designated As salesman
Turneris Designated As salesman
Jamesis Designated As clerk
Wardis Designated As salesman
Fordis Designated As analyst
Smithis Designated As clerk
Scottis Designated As analyst
Adamsis Designated As clerk
Milleris Designated As clerk
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
 1  SELECT
 2  INITCAP(Ename)||' is Designated As '||LOWER(Job) Employee
 3* FROM Emp
SQL> /
```

EMPLOYEE

```
-----
King is Designated As president
Blake is Designated As manager
Clark is Designated As manager
Jones is Designated As manager
Martin is Designated As salesman
Allen is Designated As salesman
Turner is Designated As salesman
James is Designated As clerk
Ward is Designated As salesman
Ford is Designated As analyst
Smith is Designated As clerk
Scott is Designated As analyst
Adams is Designated As clerk
Miller is Designated As clerk
```

14 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT
```

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```
2  Ename, Deptno, Job, Sal
3  FROM Emp
4  WHERE Job IN('&GJob1', '&GJob2', '&GJob3');
Enter value for gjob1: Clerk
Enter value for gjob2: SALESMAN
Enter value for gjob3: Manager
```

ENAME	DEPTNO	JOB	SAL
MARTIN	30	SALESMAN	1250
ALLEN	30	SALESMAN	1600
TURNER	30	SALESMAN	1500
WARD	30	SALESMAN	1250

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename, Deptno, Job, Sal
3  FROM Emp
4* WHERE Job IN(UPPER('&GJob1'), UPPER('&GJob2'), UPPER('&GJob3'))
SQL> /
Enter value for gjob1: clerk
Enter value for gjob2: Salesman
Enter value for gjob3: MaNaGER
```

ENAME	DEPTNO	JOB	SAL
BLAKE	30	MANAGER	2850
CLARK	10	MANAGER	2450
JONES	20	MANAGER	2975
MARTIN	30	SALESMAN	1250
ALLEN	30	SALESMAN	1600
TURNER	30	SALESMAN	1500
JAMES	30	CLERK	950
WARD	30	SALESMAN	1250
SMITH	20	CLERK	800
ADAMS	20	CLERK	1100
MILLER	10	CLERK	1300

11 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT
2  'Air' String1,
3  'Plane' String2,
```

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```
4  CONCAT('Air', 'Plane') Final
5  FROM DUAL;
```

```
STR STRIN FINAL
```

```
-----
Air Plane AirPlane
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  'Air' String1,
3  'Plane' String2,
4  CONCAT('Air', ' Plane') Final
5* FROM DUAL
SQL> /
```

```
STR STRIN FINAL
```

```
-----
Air Plane Air Plane
```

```
SQL> cl scr
```

```
SQL> --King is A President
SQL> SELECT
2  CONCAT(Ename, ' is A '||Job) Ename
3  FROM Emp
4  WHERE Ename = 'KING';
```

```
ENAME
```

```
-----
KING is A PRESIDENT
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  CONCAT(Ename, CONCAT(' is A ', Job)) Ename
3  FROM Emp
4* WHERE Ename = 'KING'
SQL> /
```

```
ENAME
```

```
-----
KING is A PRESIDENT
```

```
SQL> ED
```

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Wrote file afiedt.buf

```
1  SELECT
2  CONCAT(INITCAP(Ename), CONCAT(' is A ', INITCAP(Job))) Ename
3  FROM Emp
4* WHERE Ename = 'KING'
SQL> /
```

ENAME

King is A President

SQL> SPOOL OFF

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